

IN THE CLAIMS:

Applicants hereby restate the claims of the present application as follows:

1. (Withdrawn) Apparatus for capturing biological information in cells and organisms and consisting of a sensor for electromagnetic longitudinal waves which creates a data signal for longitudinal waves.
2. (Withdrawn) Apparatus according to the previous claim whereby the sensor for electromagnetic longitudinal waves is a single conductor connected with a p-n transition.
3. (Withdrawn) Apparatus according to the previous claim whereby the p-n transition is a diode.
4. (Withdrawn) Apparatus according to one of the two previous claims whereby the p-n transition is a Zener diode.
5. (Withdrawn) Apparatus according to one of the claims 2 to 4 whereby the single conductor is made from ferromagnetic material.
6. (Withdrawn) Apparatus according to one of the claims 2 to 5 whereby the single conductor is gold-plated.
7. (Withdrawn) Apparatus according to one of the previous claims with a sensor for electromagnetic lateral waves which creates a data signal for lateral waves.
8. (Withdrawn) Apparatus according to the previous claim whereby the sensor for electromagnetic lateral waves is a coil.
9. (Withdrawn) Apparatus according to one of the previous claims with an integrator for generating an integrated signal from the data signal for longitudinal waves and/or from the data signal for lateral waves.
10. (Withdrawn) Apparatus according to one of the previous claims with a decoder for generating a decoded signal from the data signals for longitudinal waves, the data signals for lateral waves, and/or the integrated signals.
11. (Withdrawn) Apparatus according to the previous claim whereby the decoder contains a microprocessor.

12. (Withdrawn) Apparatus according to one of the two previous claims with an apparatus for correcting the decoded signal and generating a corrected signal.

13. (Withdrawn) Apparatus according to one of the previous claims with a recording apparatus for recording the data signal for longitudinal waves, the data signal for lateral waves, the integrated signal, the decoded signal, and/or the corrected signal.

14. (Original) Apparatus for controlling biological systems with an apparatus for generating scalar electromagnetic fields in response to a data signal.

15. (Currently amended) Apparatus according to ~~the previous claim with claim 14 further comprising~~ an apparatus for transferring a recorded signal to the apparatus for generating scalar fields.

16. (Withdrawn) Apparatus according to one of the two previous claims with an apparatus for capturing biological information in cells and organisms according to one of the claims 1 to 13.

17. (Currently amended) Apparatus according to ~~one of the three previous claims whereby claim 14 or 15 wherein~~ the apparatus for generating scalar fields can be any comprises a technical emitter of electromagnetic waves.

18. (Currently amended) Apparatus according to ~~one of the four previous claims whereby claim 14 or 15 wherein~~ the apparatus for generating scalar fields is comprises a multiple Klein coil.

19. (Original) Apparatus according to claim 18 whereby the multiple Klein coil contains:

windings of a first electrical wire and windings of at least one more electrical wire whereby the electrical wires are connected with each other at their respective ends as functionally appropriate, and whereby the individual windings of the first wire and the windings of at least one more wire begin at starting points which are shifted against each other along the circumference of the coil body, and whereby each wire crosses under itself after about one rotation at a redirection point and crosses over the other neighboring wires along the axis of the coil before it is wrapped around the

coil body again, so that the windings of different wires alternate along the axis of the coil body in a predetermined sequence.

20. (Currently amended) Apparatus according to ~~the previous claim 19~~ whereby further comprising a ~~an additional electrical conductor including another first electrical wire and a~~ and another second electrical wire as ~~an additional electrical conductor~~ are wrapped around the coil body and whereby both additional electrical wires are electrically connected with each other at one end of the coil.

21. (Currently amended) Apparatus according to ~~one of the claims~~ claim 19 and ~~20~~ whereby wherein the direction of the winding of at least one electrical wire is reversed at least once along the axis of the coil.

22. (Currently amended) Apparatus according to ~~the previous claim 21~~ whereby the direction of the winding is reversed at a redirection point.

23. (Currently amended) Apparatus according to ~~one of the claims~~ claim 19 to ~~22~~ whereby wherein the redirection points of the first electrical wire are shifted along the circumference of the coil by approximately 180 degrees against the additional electrical wire.

24. (Currently amended) Apparatus according to ~~one of the claims~~ claim 19 to ~~23~~ whereby wherein the redirection points of the first wire and/or of the additional wire form a straight line along the axis of the coil.

25. (Currently amended) Apparatus according to ~~one of the claims~~ claim 19 to ~~24~~ whereby wherein the redirection points of the first wire and/or of the additional wire form a zigzag line along the axis of the coil.

26. (Currently amended) Apparatus according to ~~the previous claim 25~~ wherein whereby the redirection points of the first and/or of the additional wire are placed along the axis in a V-shape.

27. (Currently amended) Apparatus according to ~~one of the claims 25 and 26~~ whereby claim 22 wherein the direction of the windings of the redirected wire is reversed at the points at which the redirection points intersect in at an angle.

28. (Currently amended) Apparatus according to ~~one of the previous claims~~ with claim 19 further comprising a cylindrical coil.

29. (Withdrawn) Method for capturing biological information in cells and organisms whereby the electromagnetic longitudinal waves from the cells and organisms are captured and a data signal is generated from the captured electromagnetic longitudinal waves.

30. (Withdrawn) Method according to the previous claim whereby the electromagnetic longitudinal waves are captured by means of a single conductor which is connected with a p-n transition.

31. (Withdrawn) Method according to one of the two previous claims whereby the electromagnetic lateral waves from the cells and organisms are captured and used to generate a data signal for lateral waves.

32. (Withdrawn) Method according to the previous claim whereby the electromagnetic lateral waves are captured by means of a coil.

33. (Withdrawn) Method according to one of the claims 29 to 32 whereby an integrated signal is generated based on the data signal for longitudinal waves and/or the data signal for lateral waves.

34. (Withdrawn) Method according to one of the claims 29 to 33 whereby a decoded signal is generated based on the data signal for longitudinal waves, the data signal for lateral waves, and/or the integrated signals.

35. (Withdrawn) Method according to the previous claim whereby the decoded signal is corrected and a corrected signal is generated.

36. (Withdrawn) Method according to one of the claims 29 to 35 whereby the data signal for longitudinal waves, the data signal for lateral waves, the integrated signal, the decoded signal, and/or the corrected signal are recorded and stored.

37. (Currently amended) ~~Method A method~~ for controlling biological systems whereby wherein scalar electromagnetic fields are generated in response to a data signal and then passed on to the biological system.

38. (Withdrawn) Method according to the previous claim whereby the data signal is generated by a method according to claims 29 to 36.

39. (Currently amended) ~~Method The method~~ according to ~~one of the two previous claims whereby claim 37 wherein~~ the scalar electromagnetic fields are

generated by using any kind of technical emitter for electromagnetic waves and/or and a multiple Klein coil.

40. (Withdrawn) Application of an apparatus for capturing, according to the claims 1 to 13, of a method for capturing, according to the claims 29 to 36, of an apparatus for controlling biological events, according to the claims 14 to 28, or a method for controlling biological events, according to the claims 37 to 39, with the purpose of intervening in biological processes, eliminating and correcting harmful cell conditions, reduplicating cells and organisms as well as manipulating the genetic material of an organism.